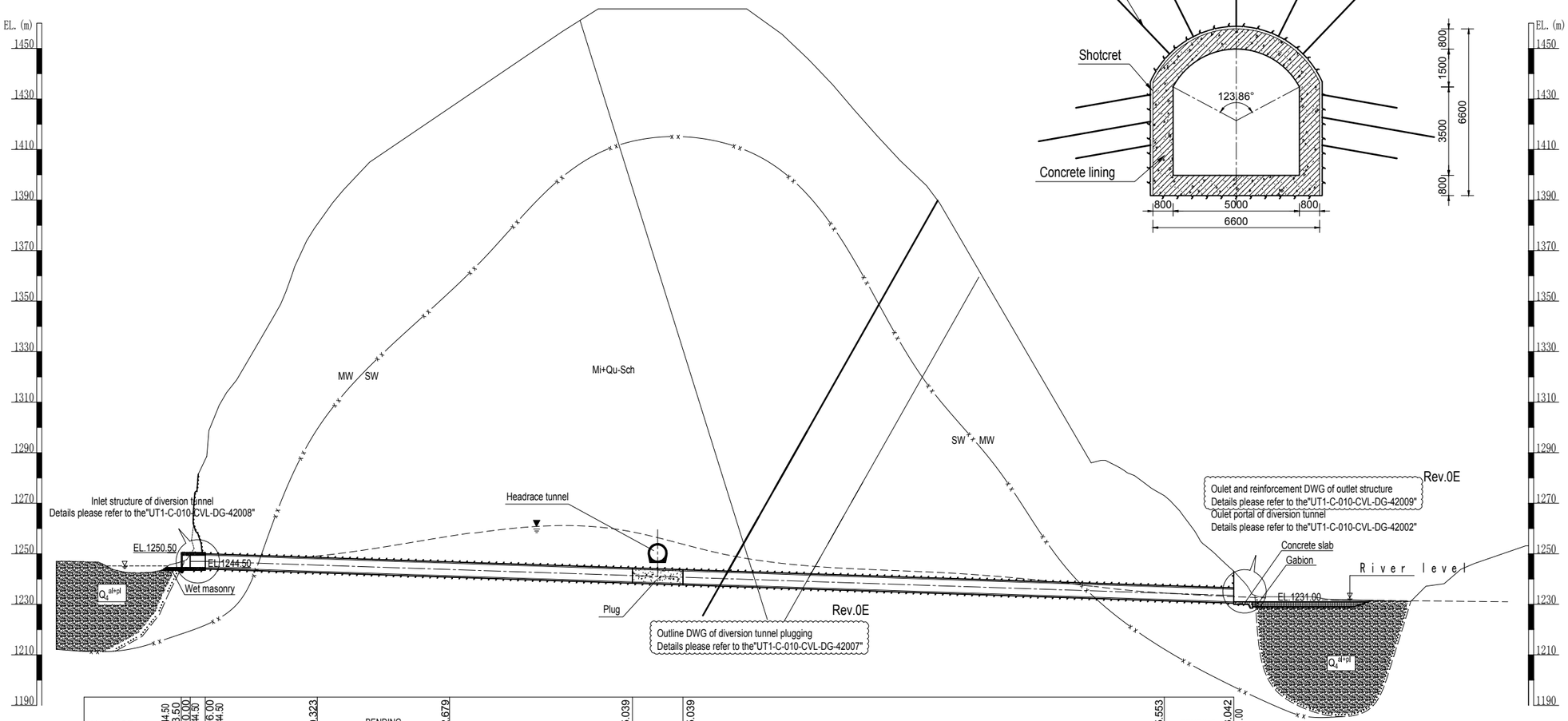
Longitudinal Profile of Diversion Tunnel

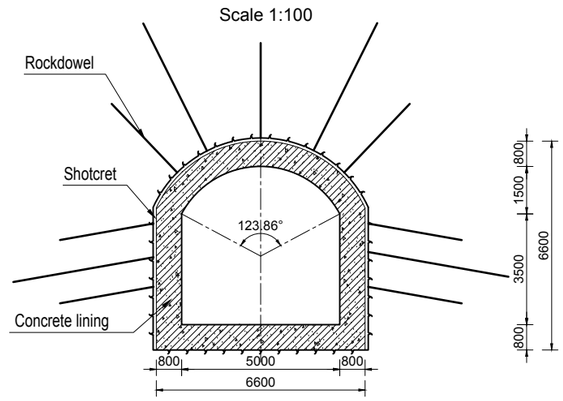
Scale 1:1000



CHAINAGE(m)	EL.1244.50	D0-003.50	D0+000.00	EL.1244.50	D0+006.00	EL.1244.50	D0+050.323	BENDING SECTION	D0+102.679	D0+175.039	PLUG	D0+195.039	D0+385.553	BENDING SECTION	D0+413.042	EL.1231.00
Gradient			0%								3.32%					
Rock class type	III				III~II					IV		III			IV	
Overburden thickness(m)							149.60			222.37	218.22		64.60		6.6	

Typical Section of Intersection of Headrace and Diversion Tunnel

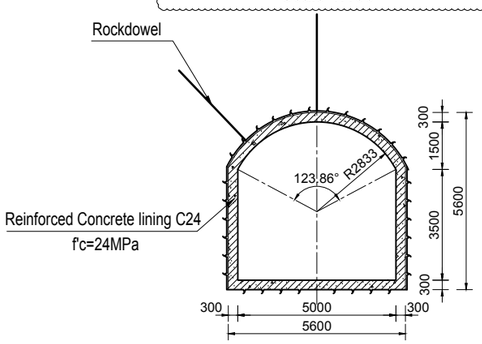
Scale 1:100



Typical Section of II

Rev.0E

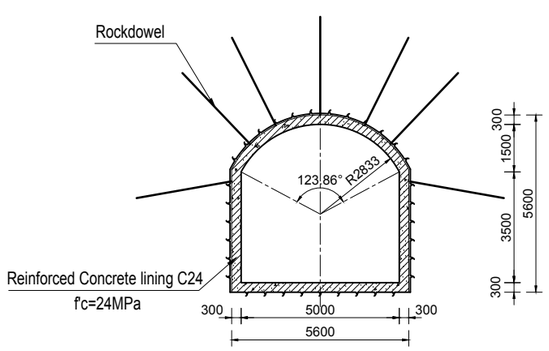
Scale 1:100



Typical Section of III

Rev.0E

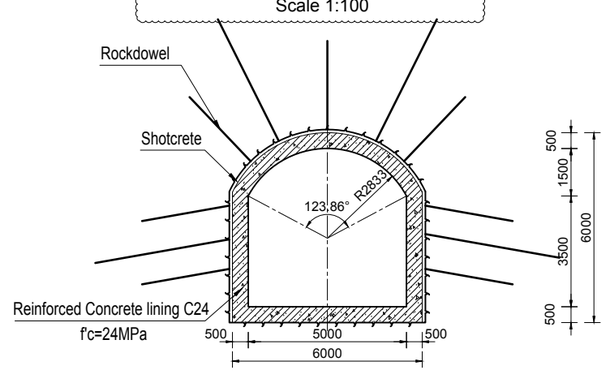
Scale 1:100



Typical Section of IV

Rev.0E

Scale 1:100



1:1000 0 10 20 30 40 50m

1:100 0 1 2 3 4 5m

NOTE

1. Elavations, chainages are measured in meter, dimensions are in millimeter unless otherwise stated.
2. Details of surrounding rock support and lining of each rock mass grade refer to subsequent drawings.
3. The distribution of rock classes is tentative.

REFERENCE DRAWINGS

UT1-C-010-CVL-DG-42002	Excavation and Support Drawing of Inlet and Outlet Portal of Diversion Tunnel
UT1-C-010-CVL-DG-42003	Excavaiton and Initial Support Drawing of Diversion Tunnel
UT1-C-010-CVL-DG-42008	Diversion Facilities Outline of Diversion Tunnel Intake Tower
UT1-C-010-CVL-DG-42007	Diversion Facilities Outline Drawing of diversion tunnel plugging
UT1-C-010-CVL-DG-42009	Diversion Facilities Outline and reinforcement DWG of outlet structure

SYMBOL AND LEGEND Rev.0E

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
OE	14.MAY,2022	As RN-0113	DONG Z.Z.	K.J.KIM	Y.S.SON
OD	12.APR,2022	As RN-0082	DONG Z.Z.	K.J.KIM	Y.S.SON
OC	20.JAN,2022	As RN-0042	DONG Z.Z.	K.J.KIM	Y.S.SON
OB	31.DEC,2021	Second issue	DONG Z.Z.	K.J.KIM	Y.S.SON
OA	25.DEC,2021	First issue	DONG Z.Z.	K.J.KIM	Y.S.SON

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT.LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

DIVERSION FACILITIES
ARRANGEMENT DRAWING OF DIVERSION TUNNEL(2/2)

INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
	UT1-C-010-CVL-DG-42001-2	2 OF 2	0E